

**AGENDA FOR THE EIGHTH MEETING OF THE  
WORKING GROUP ON SUSTAINABLE DEVELOPMENT OF TIDAL AREAS (WG-SDTA)  
New Delhi, India  
08 December 2009: 09:30-13:15 hours  
Strategy Theme : Basin**

**Year of Establishment: 2001****Completion of the Mandate: 2009**

**Members :** (1) Dr. Park Sang Hyun, Chairman (Rep. of Korea 2002); (2) Mr. Jonathan Simm, Vice Chairman (UK, 2002); (3) Ir. Henk P. Ritzema, Secretary (The Netherlands, 2002); (4) Vice President Hon. Prof. Cai Lingen (China, 2002); (5) Dr. Indreswari Guritno (Indonesia, 2002); (6) Dr. E.J. James (India, 2002); (7) Dipl. Ing. Bernd Probst (Germany, 2003); (8) Mr. Ueda Kazumi (Japan, 2003); (9) Dr. Ruey-Chy Kao (Chinese Taipei, 2007); (10) Mr. Teoh Weng Chaw (Malaysia, 2007); and (11) Secretary General, ICID.

**Observers :** (i) Dr. Daesu Eo (Korea, Rep. of); (ii) Mr. Robiyanto Hendro Susanto (Indonesia); and (iii) Mr. Harry Denecke (FAO/IPTRID).

**Working Group website:** <http://www.wg-sdta.icidonline.org> and <http://www.webhard.co.kr>

**Item 1 : Confirmation of the minutes of the 6<sup>th</sup> meeting of the Working Group**

(The 7<sup>th</sup> meeting of WG-SDTA on 14 October 2008 at Lahore, Pakistan could not be held due to poor attendance of the members. Only Mr. Ma Jianming (China) representing China and Dr. Vijay K. Labhsetwar representing Secretary General were present).

**Item 2 : Review of membership of the Working Group**

Mr. Jonathan Simm, Vice Chairman (UK) has informed the Chairman that he can no longer be the Vice-Chair of the WG in view of other pressing engagements elsewhere. The Working Group acknowledges his efforts and contributions in moving the Working Group forward. His especial efforts in preparing the handbook and position paper are sincerely appreciated. The WG hopes to approach him for his support when required.

It is proposed that Dr. Henk P. Ritzema (The Netherlands), current Secretary of the WG, takes over as the new Vice-Chair of the WG. It is further proposed to induct Dr. Ruey-Chy Kao (Chinese Taipei) as the new Secretary of the WG.

The WG members may consider.

The Malaysian National Committee of ICID (MANCID) has nominated (2 April 2008) Ir. Loh Kim Mon (Malaysia) for the membership of the WG in place of Mr. Teoh Weng Chaw. Ir. Kim's CV will be placed for consideration during the WG meeting.

The Korean National Committee of ICID (KCID) has nominated (13 May 2008) Dr. Jo, Jin Hoon (Korea) for the membership of the WG. Dr. Jin Hoon's CV will be placed for consideration during the WG meeting.

The nominations of Prof. Dr. Moustafa Tawfik Gaweesh (Egypt) and Dr. Gao Jing (China) were deferred at Sacramento (2007) meeting, since they were neither present nor represented during the WG meeting. The WG had proposed to request them to support the WG activities, before accepting their membership in the following manner:

1. Support to Chapter edition or contribute sub-chapter(s) to the Handbook.
2. Review or revise the results of Chapter edition.
3. Make presentation during the 8<sup>th</sup> WG meeting on SDTA in 2009 at New Delhi in India.

The Central Office is in contact (28 March 2008 and 30 March 2009) with Drs. Gaweesh (Egypt) and Gao Jing (China). Their responses are awaited.

Attendance of the members at the past meetings of the WG (2006, 2007 and 2008) will be reviewed during the meeting. It may be noted that representation of a member in the Working Group meeting by any other representative of the concerned National Committee is not deemed to be a contribution by a member. Refer to Annex 1 of PCSPOA Agenda (page A-9) and ICID by-law 3.1.7 which stipulates that members not contributing to the activities by attendance or correspondence for two consecutive years shall be replaced in consultation with their National Committees.

**Item 3 : Tenure of the WG**

ICID by-law 3.3(b) stipulates that

*‘as the duration of the membership of a workbody is expected to be six years or less, the duration of the work to be undertaken by a temporary workbody should not exceed a period of six years’.*

Accordingly, the WG should have finished its activities by 2007 but in view of unfinished agenda, the WG had requested an extension upto 2009. This was approved by the Council in 2006.

In view of still unfinished WG publication ‘Handbook on SDTA, it may be necessary to propose once again extension of the tenure upto 2010. The WG may then be able to complete all the necessary works in order to publish the Handbook during 61<sup>st</sup> IEC in Indonesia in 2010.

WG members may deliberate.

**A. CONTINUING ITEMS**

**Item 4 : Study Items**

The WG endorsed eight study items (**Annex 1**) during Montreal (2002) meetings. Based on the results in the 2<sup>nd</sup> WS in Montpellier (2003), these study items were re-classified as per the proposed chapters of the Handbook (**Annex 2**).

Based on the recommendations of the 2<sup>nd</sup> Workshop in Montpellier (2003), these study items (**Annex 1**) were confirmed for preparation of the proposed chapters of the Handbook.

The WG may consider reorganizing these chapters/sub-chapters in view of responses received from chapter contributors/authors.

**Item 5 : Publication of the Handbook on SDTA**

The WG prepared a proposal for the “Guidelines for ICID Handbook on SDTA”, which is available at **Annex 3**.

Three types of Contributions to prepare ICID Handbook on SDTA

The WG members have been requested to commit themselves in preparing specific chapters/sections of the Handbook (**Annex 4**). Participating National Committees have been requested to provide three types of contributions:

1. Type 1: Overall compilation and editing of one chapter by particular country member
2. Type 2: Contributions for the sub-chapters
3. Type 3: Case studies

As far as progress on Type 1 is concerned, it was agreed that less progressive Chapter 3 and Chapter 4 shall be combined and Dr. Ruey-Chy Kao (Chinese Taipei) shall be the new editor supported by representatives from India and Malaysia. In addition, the Japanese WG agreed to support the edition and drafting of the sub-chapters.

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Revised status and future plans are shown below:

Chapter	Description	Editor/s	Status/future plan
1.	Introduction	Henk Ritzema (Netherlands) and Jonathan Simm (UK)	Draft almost completed about 21 pages. Still to be completed contributions for sub-chapter 1.2 (Historical context) from China, Chinese Taipei, India and Malaysia. Comments were received from the Japanese National Committee
2.	Aspects of managing development of tidal areas	Park Sang Hyun / Eo Daesu (Korea)	Draft completed, about 68 pages, some overlap with other chapter.
3.	Tidal and lowland features and existing natural processes	Dr. Ruey-Chy has agreed to compile this chapter, based on the work done by Mrs. Indreswari Guritno	It was decided to combine chapter 3 and 4. Draft not yet completed
4.	Existing natural processes		To be combined with chapter 3
5.	Engineering for SDTA	Dr. Hiramatsu (Japan), replacing Prof. Shikasyo	Draft completed.
6.	Tidal reclamation and their impact on natural processes	Dr. Jo Jin Hoon (Korea, Rep. of) agreed to replace Mr. Berndt Probst (Germany)	Draft not yet completed, not all intended subjects are included.
7.	Integrated decision support framework	Jonathan Simm (UK) and Henk Ritzema (Netherlands)	Draft completed, Comments were received from the Japanese National Committee

For the improvement of Chapter 6, Korean WT was asked to find suitable subchapter authors, since Ansan Meeting in July 2007. Chairman asked Korean WT to support the drafting of the chapter.

Dr. Masayuki Imaizumi (Japan) was proposed to be the new author for sub-chapter 4.7 (SDTA Seminar, March 2007). The Japanese WT has interest in preparing sub-chapters 3.3, 3.4, and other subchapters also.

Mr. J. Simm and Ir. H. Riztema developed a questionnaire (**Annex 5**) to review the results of Chapter editions during the Interim Meeting held in July 2007 at Ansan, Korea.

### Progress on Type 3 contributions:

The following contributions have been prepared:

1. China – coastal reclamation in North Jiangsu province, Yellow River Delta, Qiantong Jiang reclamation in river mouth in Zhejaing province
2. India – Kalpasar project, Coastal wetlands
3. Indonesia- Tsunami disasters, Tidal lowland development
4. Japan – Kameda polder, Ariake Bay, Hachirogata,
5. Germany – land reclamation in Meldorf Bight
6. Great Britain – managed realignment projects
7. Korea – Saemangeum project, Byeokgolje.
8. Malaysia – Muda Irrigation Scheme
9. The Netherlands- Flood Defences in Dike ring area

It was confirmed that the ‘*Vision and Principles*’ for SDTA, developed by Ir. J. Simm (UK) and Mr Henk Ritzema (The Netherlands) in 2005 shall be applicable to Type 3 contributions. They will be referred to in other Chapters while editing. In addition, Chairman confirmed the “Format for case studies” developed by J. Simm be used while reviewing the case studies.

The Chairman will apprise the WG members.

Hand book Reviewers:

The members agreed to the following time table for completing the draft versions of the chapters and to review the chapters.

<b>Chapters</b>	<b>Proposed Reviewers</b>	<b>Draft send to reviewers</b>	<b>Review completed</b>
Chapter 1 Introduction	<ul style="list-style-type: none"> <li>• Mr. Kim Ju Chang (Korea) editor of previous WS Proceedings</li> <li>• Dr. E.J James(India) contributed to derive definition of SDTA</li> </ul>	March 2009	April 2009
Chapter 2 Managing development	<ul style="list-style-type: none"> <li>• Vice President Hon. Dr. S.Taniyama(Japan), Supporter for WG-SDTA</li> </ul>	End of March 2009	End of April, 2009
Chapter 3 Tidal feature and Chapter 4 Natural process	Dr. Ritzema replaces Mr. Simm	End of May, 2009	End of June, 2009
Chapter 5 Engineering for SDTA	<ul style="list-style-type: none"> <li>• President Hon. Prof. Bart Shultz (the Netherlands), Supporter for WG-SDTA</li> <li>• Dr. Park S. H(Korea), Editor of Chapter 2</li> </ul>	Ready for review	End of April, 2009
Chapter 6 Impact on natural process	<ul style="list-style-type: none"> <li>• Dr. Ritzema (Netherlands)</li> <li>• Mr. Ueda K(Japan)</li> </ul>	End of June, 2009	End of July, 2009
Chapter 7	<ul style="list-style-type: none"> <li>• Dr. Hiramatsu (Japan), Editor of Chapt. 5:email: hiramatsu@bpes.kyushu-u.ac.jp</li> <li>• Dr. Vijay K. Labhsetwar (ICID), Supporter for WG- SDTA</li> </ul>	End of March, 2009	End of April, 2009

Vice President Hon. Dr. S. Taniyama, Dr. Park, Mr. Ueda, Dr. Hiramatsu were to review concerned Chapters. President Hon. Prof. Bart Schultz also agreed to join the review team.

**Some other activities:**

An interim meeting was organized on 17 October 2008 in Brussels with Jonathan Simm (UK) and Henk Ritzema (The Netherlands). Mr. Simm and Ir. Ritzema agreed upon their contributions to Handbook Chapters 1 & 7. As Mr. Simm could not continue working on the Handbook, he handed over his contributions to Ir. Ritzema, who will do the final editing of these two chapters.

A second interim meeting was organized on 1 November 2008 in Korea to discuss the progress on Chapter 3 and the position paper. The meeting was attended by Dr. Park (Korea), some other members of the Korean NC, Ir. Ritzema (The Netherlands) and Dr. Ruey-Chy Kao (Chinese Taipei). Dr. Kao accepted the editing of Chapter 3 and presented a table of contents based on the work done so far. Both Dr. Park and Ir. Ritzema reviewed this table and suggested some changes. As a result, the Chinese Taipei Committee agreed to organize a follow-up meeting and Workshop in Chinese Taipei in February 2009.

The Chairman may apprise the WG members.

**Item 6 : Position paper on “Sustainable Development of Tidal Areas”**

Dr. Park, Mr. Simm and Ir. Ritzema prepared a position paper “*Development of tidal areas, some principles and issues toward sustainability*” which was submitted and accepted for publication in the Special Issue of the International on Journal Irrigation and Drainage for the 5<sup>th</sup> WWF in Istanbul (Park, S. H., Simm, J., and Ritzema, H. P., 2009. Development of tidal areas, some principles and issues toward sustainability. Irrigation and Drainage, 58: S52–S59, DOI: 10.1002/ird.474.).

The Secretary will distribute pdf-copies of the paper to the working group members (action Ir. Ritzema).

The Chairman will discuss with Central Office to circulate the paper to all NC’s before placing it to IEC for endorsement at the New Delhi meeting in December 2009 (Action Dr. Park). The Central Office is in contact (30 April 2009) with the Chairman on the subject. Chair’s response is awaited.

**Item 7 : A Special issue of ICID Journal on SDTA**

In the 2007 meeting at Sacramento, it was suggested to explore the options to prepare a Special Issue on SDTA of the ICID Journal Irrigation and Drainage. Ir. Ritzema discussed this with Prof. Bart Schultz, Chairman, EB-JOUR. Prof. Bart Schultz informed that there is no space in the Journal Issues till 2011. However, WG-SDTA is welcome to publish a Special Issue as a sponsored issue. A Special Issue costs about US\$ 14,000 for 10 papers and has to be reviewed by Guest Editors. The options may be discussed during the meeting.

The Chairman will apprise the WG members.

**Item 8 : Financial Support to publish the Handbook**

ICID Central Office estimated (2007) the cost of printing the Handbook to be about US 10,000.

During the Interim meeting (2009) the representatives of Korea, Japan and Chinese Taipei agreed to share the cost as below:

Korea: Japan: Chinese Taipei = 41 %: 39% : 20%.

The Chairman will request, in writing, the National Committees concerned to acknowledge this commitment.

The Chairman will apprise the WG members.

**Item 9 : Co-operation between WG-SDTA and related Organizations**

The Korean INWEPF Committee and the ICID WG-SDTA jointly organised a Workshop on “Paddy Farming and Healthy Environment” during 10<sup>th</sup> meeting of Ramsar Conference from 29-30 October 2008 at Changwon City in Southern Korea. Six Speakers were invited from among the Editors of the Handbook and WG leaders. Workshop proceedings were prepared and distributed.

The Council of Agriculture, Executive Yuan, Taiwan, the ICID WG-SDTA, the Chinese Taipei Committee and the Chi-seng Water Management Research & Development Foundation, Taipei, jointly organized an International Workshop on “Tidal area features and natural processes” during February 24-26, 2009 in Chinese Taipei, Taiwan. The CTCID invited the Working Group members to participate and present their papers.

**Item 10 : WG’s International Workshop on “Monitoring Systems for Sustainable Development of Tidal Areas” (8 December 2009, 14:15-18:00 hours)**

The International Workshop on “*Monitoring Systems for Sustainable Development of Tidal Areas*” is scheduled to be held on 08 December 2009. The scope of the workshop, topic and subtopics are given in the **Annex 6**. Dr. Park Sang Hyun (Rep. of Korea), Chairman, WG-SDTA has consented to lead as the Chairman of the Workshop.

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**Item 11 : Work Plan**

**2010:** SDTA Handbook is proposed to be printed and released during IEC meeting in Indonesia in 2010. Strict work schedule has to be jotted to meet the publication deadline of August 2010. The Central Office needs the final version (**Annex 7**) of the document in New Delhi atleast by 01 May 2010, if not earlier.

**Item 12 : Any Other Business**

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**STUDY ITEMS**

The WG endorsed following eight study items during Montreal (2002) meetings:

1. Identify criteria or decision support system to find sustainable development schemes for the planning and design of dikes and related structures (Included in Chapters 6 and 7 of 2005-2006 WS Proceedings).
  2. Integrate irrigation, drainage and flood management practices in reclaimed area (WS topic in 2002, included in Chapters. 2 of 2005-2006 Proceedings).
  3. Study physical, chemical and biotic characteristics of the tidal areas (WS Topic in 2003, included in Chapters 3, 4 and 5 of 2005-2006 Proceedings).
  4. Examine management and institutional aspects and production system in reclaimed areas (WS Topic in 2004, included in Chapters 2 of the Proceedings of 2005 and 2006).
  5. Enhance community participation in the sustainable development of tidal areas (WS Topic in 2004, included in Chapter 7 of the 2005-2006 Proceedings).
  6. Study socio-economic impacts and cost/benefit analysis of various development alternatives (WS Topic in 2004, included in Chapter2 of 2006 Proceedings).
  7. Establish historic aspects of tidal reclamation (WS topic in 2002, included in Chapter1 of 2006 Proceedings).
  8. Incorporate integrated approaches for sustainable development and conservation options (WS topic in 2002, included in Chapters 2 and 7 of 2006 Proceedings).
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**WORKING GROUP ON SUSTAINABLE DEVELOPMENT OF TIDAL AREAS (WG-SDTA)****Proposed Chapters of the Handbook**

<b>Study items proposed in Montreal</b>	<b>Proposed Chapters in the Handbook</b>	<b>Remarks</b>
1. Identify criteria or decision support system to find sustainable development schemes for the planning and design of dikes and related structures	1. Introduction 5. Tidal reclamations and their impact on natural processes	WS Topic in 2002
2. Integrate irrigation, drainage and flood management practices in reclaimed area	6. Engineering for sustainable development of tidal areas	WS Topic in 2002
3. Study physical, chemical and biotic characteristics of the tidal areas	3. Tidal and lowland features 4. Existing natural processes	WS Topic In 2003
4. Examine management and institutional aspects and production system in reclaimed area	2. Aspects of managing development of tidal areas	WS Topic in 2004
5. Enhance community participation in the sustainable development of tidal areas	2. Aspects of managing development of tidal areas	WS Topic in 2004
6. Study socio-economic impacts and cost/benefit analysis of various development alternatives	2. Aspects of managing development of tidal areas	WS Topic in 2004
7. Establish historic aspects of tidal reclamation	Appendices : Descriptions of historical tidal developments in various countries	WS Topic in 2002
8. Incorporate integrated approaches for sustainable development and conservation options	7. Integrated decision support framework	WS Topic in 2002

Review Sheet- Handbook Tidal Areas			
Reviewer	Date		
	Y	N	Comment
<b>Scope:</b> Do you agree with the scope of the Handbook? ( <i>"To provide guidelines for planning, design and management of irrigation and drainage, and flood control for the sustainable agricultural development in tidal areas"</i> )			
<b>Target Group:</b> Do you agree with the target group of the Handbook ( <i>"The handbook will serve as a design support framework for mainly engineers"</i> )			
<b>Contents:</b> Do you agree with the content of the Handbook:			
Please comment per (sub)chapter:	Y	N	Comments
<b>1 Introduction</b>			
1.1 General philosophy			
1.2 Historical context			
1.3 Objectives, readership and structure			
<b>2 Management Aspects</b>			
2.1 Management and institutional context			
2.2 Land-use planning			
2.3 Conservation planning			
2.4 Irrigation planning requirements			
2.5 Aquaculture planning requirements			
2.6 Catchment flood management planning			
2.7 Catchment water quality management planning			
2.8 Coastal zone management planning			
Do you miss a subject in this chapter? If so please add:			
<b>3 Tidal and lowland features</b>			
Do you miss a subject in this chapter? If so please add:			
<b>4 Existing natural processes</b>			
Do you miss a subject in this chapter? If so please add:			
<b>5 Tidal reclamation and their impacts</b>			
Do you miss a subject in this chapter? If so please add:			
<b>6 Engineering measures</b>			
6.1 Dikes and water retention structures			
6.2 Water Management systems and structures			
6.3 Dredging and canal improvement			
6.4 Land fill in reclaimed areas			
Do you miss a subject in this chapter? If so please add:			
<b>7 Integrated decision support framework</b>			
Do you miss a subject in this chapter? If so please add:			
<b>Case Study:</b> Are you willing to prepare a case study, if yes specify country			
Do you miss a subject in this chapter? If so please add:			
<b>General Comment</b> (continue on the back if required):			

**WORKING GROUP ON SUSTAINABLE DEVELOPMENT  
OF TIDAL AREAS (WG-SDTA)**

**Outline of the Handbook**

**Background**

**Scope of the Handbook**

**Overall concept for Contents**

**Methodology**

**Planning**

**Suggested chapter headings/sub-headings**

1. Introduction
2. Aspects of managing development of tidal areas
3. Tidal and lowland features
4. Existing natural processes
5. Tidal reclamations and their impact on natural processes
6. Engineering for sustainable development of tidal areas
7. Integrated decision support framework

**Appendices**

Descriptions of historical tidal developments in various countries.

**Key references**

G.P. Van der Ven (Ed) 1996 Man-made lowlands – History of water management and land reclamation in the Netherlands. The Netherlands, Uitgeverij Matrijs.

“Closure of tidal basins” – full ref needed.

Burt, T.N. and A.W. Rees, 2001 Guidelines for the assessment and planning of estuarine barrages. London, Thomas Telford.

Simm, J.D. , A.H. Brampton, NW Beech JS Brooke, 1996. Beach management manual. London, CIRIA.

UK Department for food and rural affairs, 2001 Shoreline management plans – a guide for coastal defence authorities. London, Defra.

# James E. suggested that following reference also may be added under Key References :

James, E J, et al [1997]. ' The Vembanad-Kol wetland system and river basin management '. In : Wetlands and Integrated River Basin Management, Experiences from Asia and Pacific,UNEP- Wetlands International-Asia-Pacific, Kuala Lumpur.

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**ICID HANDBOOK ON  
SUSTAINABLE DEVELOPMENT OF TIDAL AREAS (SDTA)****ICID WG-SDTA****Objective of the handbook**

1. To draw together existing knowledge and experience and the results of recent and current research to produce detailed procedural guidance on sustainable development of tidal areas
2. To provide a comprehensive and authoritative handbook of current best practice for use by engineers.

**Chapter set-up**

Chapters should be prepared based on the following principles:

- To provide guidelines (including decision support framework) for planning, design and management of irrigation and drainage, and flood control for the sustainable agricultural development in tidal areas.
- The handbook will provide design support, mainly for engineers.
- Based on historic experiences of the participating countries.

**Chapter review criteria**

1. Has the chapter given adequate cross reference to the principles, issues and questions in position paper
2. Is the chapter in line with the objectives of the handbook?
3. Does the chapter give a comprehensive overview of subject area given in introduction?
4. Are any key topics or subchapters missing?
5. Is there too much detail given on some topics? If so, could this material be presented in a text box as an example?
6. Have other chapters been cross-referenced when necessary?
7. Is there overlap with subjects discussed in other chapters?
8. Are the interpretations / conclusions sound and justified by the data/case studies?
9. Are the presentation, organisation and length satisfactory?
10. Can you suggest brief additions or amendments that will increase the value of this chapter for the target group (Mainly engineering working in tidal area development)?
11. Can you suggest any reductions or deletions of parts?
12. Are the illustrations and tables necessary and acceptable?
13. Are the references adequate and are they necessary?
14. Are the table of contents and the introduction informative?
15. Is the standard of the English acceptable?

Please list any other general comments or specific suggestions on a separate sheet.

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ICID•CIID

INTERNATIONAL WORKSHOP ON “MONITORING SYSTEMS FOR  
SUSTAINABLE DEVELOPMENT OF TIDAL AREAS”  
8 December 2009, New Delhi, India

CALL FOR PAPERS

**Theme: “Monitoring Systems for Sustainable Development of Tidal Areas”**

**Scope:** Monitoring systems shall be developed to get valuable information for the plan, design and management of natural resources and environmental factors in Tidal areas. More scientific results from monitoring systems are required to calibrate the accuracy and adoptability of the tools vis-à-vis more advanced technology. The reliable results from scientifically monitored systems will help derive mutual understanding among various stakeholders for wise use and conservation of Tidal areas. For the efficient management of Monitoring systems in tidal areas, integrated cooperation network will have to be established among related organizations. In view of the tidal water level fluctuations with increase in water temperature, national and international partnerships would be required strongly in the era of global warming. In this way, the Workshop has been designed to share valuable experiences/ technologies from the participating countries.

The authors are requested to contribute on following four sub-topics:

- Monitoring system of Tide, Wave and sedimentation characteristics
- Monitoring of Water temperature and water level rise in tidal areas.
- Monitoring of Ecological system and water quality in tidal wetland
- Water management and Agricultural Productivity in tidal areas

**Deadlines:** Abstracts (500-600 words) by **01 October 2009**

Acceptance of abstracts by **15 October 2009**

Full length papers by **01 November 2009**

Please mail the Registration Form and Abstract to Prof. Kao with copy to Dr. Park Sang Hyun and ICID Central Office as per above deadlines. The authors must follow the prescribed guidelines while preparing their manuscripts. This International Workshop is being organized by ICID’s Working Group on Sustainable Development of Tidal Areas (WG-SDTA) during its 60<sup>th</sup> International Executive Council Meeting and 5<sup>th</sup> Asian Regional Conference from 6 to 11 December 2009 at New Delhi, India.

**Contact co-ordinates:** **Workshop Chair:** Dr. Park Sang Hyun (Rep. of Korea), Chairman, WG-SDTA, E-mail: pash3142@empal.com, pshpark@karico.co.kr, Tel : +82 63 546 9828

**Workshop Co-ordinator:** Prof. Ruey-Chy Kao (Chinese Taipei), Tainan Hydraulics Laboratory (THL), E-mail: SDTA-THL@thl.ncku.edu.tw, Tel: +886-6-274-9494 (direct)

**ICID Central Office:** International Commission on Irrigation and Drainage (ICID), New Delhi, India, E-mail: icid@icid.org, Tel: +91 11 26115679/ 26116837/ 24679532

**Website:** Please access conference website : <http://www.incid2009delhi.org/> for more information on events during 60<sup>th</sup> IEC and 5<sup>th</sup> Asian Regional Conference at New Delhi, India.

**WORKING GROUP ON SUSTAINABLE DEVELOPMENT OF  
TIDAL AREAS (WG-SDTA)**

**Five-Year Rolling Plan**

Activity	2006	2007	2008	2009	2010
<b>Publication of Hand Book</b>					
• Preparation of outline of publication Guidelines					
• Assigning Authors					
• Study and Writing	✓				
• Publishing electronic versions of background information, case studies and draft chapters on WG-website	✓	✓	✓	✓	✓
• Compile and revise presented material		✓	✓	✓	✓
• Publication of the Handbook	✓	✓	✓	✓	✓
• Dissemination of the Handbook				✓	✓
<b>Workshop</b>					
• Writing and review of contributions by authors					
• Hold the workshops during ICID meetings	✓	✓			✓
• Prepare workshop results for inclusion in guidelines	✓				
• Post on ICID Website for review and feedback	✓	✓			✓